

CO₂ Emission Control Technology(WMA) Bubble Mixing System

(Asphalt and Rejuvenator Foaming Technology)

Technologie de réduction des émissions de CO₂

Système Bubble Mix

(Technologie de moussage pour l'asphalte
et les agents de régénération)



Overview

Single Bubble

A new asphalt mixture is produced using a mechanical asphalt foaming system in which pressurized water is injected into the asphalt to create foam.

Twin Bubble

The production of recycled mixtures is carried out using foamed asphalt and our proprietary Air Plus System.

The Air Plus System is an innovative technology that uses air-forming techniques to create micro-bubbled recycling additives.

[Features]

- I. The mixture is easy to handle even at low temperatures, thereby improving workability.
- II. Sufficient compaction can be achieved even when the temperature drops during winter or due to long-distance transport.
- III. Lowering production temperatures in summer improves the working environment and allows roads to open to traffic sooner.
- IV. The adoption of Warm Mix Asphalt (WMA) also contributes to reducing CO₂ emissions.

Contribution to SDGs

Workability and quality improvement



Earlier opening to traffic



Production temperature decrease in summer



CO₂ emission reduction

